



COMMONWEALTH OF VIRGINIA  
*Department of Mines, Minerals and Energy*  
Division of Mined Land Reclamation

## Callahan Creek TDS Wasteload Report 2017-Q3

10-01-2016 to 09-30-2017

### Watershed Information

Stressor:	TDS	Watershed Acres:	18,432
Wasteload Allocation:	2,610,000	Watershed Permits:	24
EPA TMDL Approval Date:	6/22/2006	Watershed Outfalls:	103

### Watershed Wasteload and Reduction Summary<sup>1</sup>

	Pre-TMDL Wasteloads <sup>2</sup>	Post-TMDL Wasteloads <sup>3</sup>	Total
Wasteload Allocation Available <sup>4</sup>	2,610,000	0	2,610,000
Wasteload <sup>5</sup>	2,895,050	66,849	2,961,899
Wasteload Balance	-285,050	-66,849	-351,899
Wasteload Reduction Required <sup>6</sup>	285,050	66,849	351,899
Percent Reduction Required <sup>7</sup>	9.8 %	100.0 %	11.9 %

<sup>1</sup> Wasteload units are in kg/year unless otherwise noted.

<sup>2</sup> Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

<sup>3</sup> Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

<sup>4</sup> The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

<sup>5</sup> Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

<sup>6</sup> In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

<sup>7</sup> The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

## Permit Wasteload and Reduction Summary<sup>8</sup>

Permit Number	Pre-TMDL Wasteload <sup>9</sup>	Pre-TMDL Reduction Required <sup>10</sup>	Post-TMDL Wasteload <sup>11</sup>	Post-TMDL Reduction Required <sup>12</sup>	Total Wasteload	Total Wasteload Reduction Required
1101917	0	0	0	0	0	0
1101914	1,451,610	142,927	0	0	1,451,610	142,927
1101916	3,806	375	0	0	3,806	375
1102003	0	0	46,968	46,968	46,968	46,968
1102022	0	0	6,404	6,404	6,404	6,404
1302035	0	0	0	0	0	0
1102052	89,625	8,825	0	0	89,625	8,825
1102051	0	0	0	0	0	0
1602115	311,296	30,651	0	0	311,296	30,651
1202143	0	0	0	0	0	0
1502140	209,468	20,624	0	0	209,468	20,624
1202145	0	0	0	0	0	0
1202147	0	0	0	0	0	0
1102142	0	0	0	0	0	0
1202148	96,357	9,487	0	0	96,357	9,487
1302156	550,310	54,184	0	0	550,310	54,184
1202162	17,795	1,752	0	0	17,795	1,752
1602207	10,038	988	0	0	10,038	988
1202200	74,171	7,303	0	0	74,171	7,303
1202209	7,654	754	0	0	7,654	754
1102210	0	0	0	0	0	0
1102213	6,400	630	13,476	13,476	19,876	14,107
1202211	11,103	1,093	0	0	11,103	1,093
1202226	55,418	5,457	0	0	55,418	5,457
<b>Total</b>	<b>2,895,050</b>	<b>285,050</b>	<b>66,849</b>	<b>66,849</b>	<b>2,961,899</b>	<b>351,899</b>

<sup>8</sup> Wasteload units are in kg/year unless otherwise noted.

<sup>9</sup> The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

<sup>10</sup> Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

<sup>11</sup> The wasteload

<sup>12</sup> Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.